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URBAN DISTRICT COUNCIL

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ANNUAL REPORT

OF THE

MEDICAL OFFICER OF HEALTH

AND THE

CHIEF SANITARY INSPECTOR

FOR THE

YEAR ENDED 31ST DECEMBER, 1951.





SEATON VALLEY URBAN DISTRICT COUNCIL

CHAIRMAN OF THE COUNCIL:

Councillor W.J. Hampton, B.E.M., J.P.

VICE-CHAIRMAN OF THE COUNCIL:

Councillor R. Thornton.

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HEALTH COMMITTEE:

CHAIRMAN: Councillor W. Forster.

MEMBERS: The Whole Council.

OFFICIALS OF THE HEALTH DEPARTMENT:

Medical Officer of Health:

William Cunningham, M.B., Ch.B., D.P.H.

Deputy Medical Officer of Health:

Mrs. Evelyn M. Hall, M.B., B.S.

Chief Sanitary Inspector:

James R. Wilson, M.S.I.A., M.R., San.I.

Assistant Sanitary Inspector:

Ronald Simpson, M.S.I.A.

Chief Clerk:

Mr. T.J. Elliott.



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Council Offices,  
Seaton Delaval,  
Northumberland,

14th August, 1952.

To the Chairman and Members of the  
Seaton Valley Urban District Council:  
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Mr. Chairman, Ladies and Gentlemen,

I beg to present to you the Annual Report of the Health and Sanitary conditions of the district during the year 1951.

The report has been prepared in an abridged form according to instructions from the Ministry of Health.

Diphtheria Immunisation:

1582 children up to 4 years of age and 3609 between 5 and 14 years of age had completed a full course of immunisation at any time up to the 31st December, 1951.

The estimated child population for mid-year 1951 was 2127 up to 4 years of age and 3671 between 5 and 14 years.

Infectious Diseases:

I have to record a decrease in Scarlet Fever but an increase in Measles and Whooping Cough.

Scarlet Fever:

48 cases were notified during the year as against 63 in 1950.

Diphtheria:

I have to report an absence of Diphtheria in the district for the third year in succession.

Measles:

There was an increase in the number of cases notified. 485 cases were notified as against 257 in 1950.

Whooping Cough:

103 cases were notified during the year as against 64 in 1950.

Births:

The birth rate is slightly lower than in 1950.

Deaths:

The death rate is a little lower than in 1950.

Milk Supply:

There was an average maintenance of supplies of milk. The keeping qualities showed some improvement.

Transport facilities may be improved in 1952 when milk should be fresher on delivery.

Details of analyses of samples will be found within the report.



Nutrition:

I have no evidence of malnutrition in the people due to present restrictions.

Water Supply:

There was no shortage of water in 1951 in the Tynemouth area of supply, nor, of course, in the Newcastle area of supply.

A local lack of pressure in the Murton Grange and Park Estates, due to the increase in the number of houses fed by old mains, which was becoming more and more apparent, was obviated by the making of a 6-inch connection to the Shiremoor 10-inch main at the west end of the Murton Grange Estate.

I wish to thank the Chairman and Members of the Health Committee for their sympathetic encouragement during the year and Mr. Wilson and all the staff for their constant loyalty and hard work.

I have the honour to be,

Your obedient Servant,

W. CUNNINGHAM.

Medical Officer of Health.

### STATISTICAL AND SOCIAL CONDITIONS OF THE AREA:

Area (in acres)                      -                      12,459

Population: Registrar-General's Estimate of population mid-year was 26,330 (26,520).

Inhabited Houses: 7,927 approximately at March, 1951.

Rateable Value: £108,541 at 1st April, 1952.  
(£108,641 at 1st April, 1951).

Sum represented by a penny rate - £410 (£390 in 1950).

EXTRACT FROM VITAL STATISTICS OF THE YEAR.

Live Births:	Males	Females	Total
Legitimate:	208	171	379
Illegitimate:	5	4	9
	213	175	388 (419)

Distribution of births registered in Seaton Valley Urban Area,  
shown in districts:

District	Legitimate		Illegitimate		Total
	Male	Female	Male	Female	
Cramlington:	32	19	1	-	52
Seaton Delaval:	25	19	-	1	45
Seghill:	7	7	-	1	15
Earsdon:	29	19	1	-	49
	93	64	2	2	161

227 births (118 males and 109 females) were registered in other districts. Of these 5 males and 4 females were illegitimate.

Birth Rate:

The birth rate per 1,000 of the estimated resident population is 14.76 (15.79 in 1950).

Corrected birth rate (comparability factor 1.04) is 15.31.

Still Births:

6 (2 males and 4 females). (8 in 1950).

Rate per 1,000 (live and still) births - 15.22  
(18.75 in 1950).

## Deaths:

Males	Females	Total	
187	151	338	(341 in 1950).

Death of Infants under 1 year of age:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate:	9	6	15
Illegitimate:	<u>-</u>	<u>-</u>	<u>-</u>
	<u>9</u>	<u>6</u>	<u>15</u> (13)

Death of Infants under 4 weeks of age:

	<u>Males</u>	<u>Females</u>	<u>Total</u>
Legitimate:	4	4	8
Illegitimate:	<u>-</u>	<u>-</u>	<u>-</u>
	<u>4</u>	<u>4</u>	<u>8</u> (10)

Distribution of deaths in Districts:

District	Males	Females	Total
Cramlington:	58	45	101
Seaton Delaval:	50	39	89
Seghill:	16	11	27
Earsdon:	63	58	121
	187	151	338

Death Rate:

The death rate per 1,000 of the estimated resident population is 12.83 (12.85 in 1950).

Corrected Death Rate:

The corrected death rate (comparability factor 1.05) is 13.47.

Deaths from Puerperal Causes:

Puerperal Sepsis	-	0(0)
Other maternal causes	-	1(0).

Death rate of Infants under 1 year of age:

All infants per 1,000 live births	-	59.27(54.89)
Legitimate infants per 1,000 legitimate live births	-	60.15(56.79)
Illegitimate infants per 1,000 illegitimate live births	-	0 (0)
Deaths from Cancer (all ages)	-	50 (48)
Deaths from Measles (all ages)	-	0 (0)
Deaths from Diarrhoea (under 2 years of age)	-	0 (0)
Deaths from Whooping Cough	-	0 (1)



## SECTION B

### GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA:

There were no changes in:

- (a) Laboratory facilities
- (b) Nursing in the Home
- (c) Treatment Centres and Clinics
- (d) Hospitals.

#### Laboratory Facilities:

The following examinations were made in the Public Health Laboratory, Newcastle upon Tyne:

<u>Examination Requested:</u>	<u>Swabs</u>	<u>Positive</u>	<u>Negative</u>
Diphtheria	25	-	25
B. Tuberculosis	331	60	271
Strept. Haemolyticus	21	3	18
Faeces (for Organisms)	10	3	7
Vaginal	5	-	5
Pus (Organisms)	1	-	1
	<u>393</u>	<u>66</u>	<u>327</u>

## SECTION C

### Sanitary Circumstances of the Area:

#### Water:

Water is purchased in bulk from the Tynemouth Corporation and the Newcastle and Gateshead Water Company, and is distributed by the Council's network of mains. Extensions of the distribution mains have been made during the year to afford supplies to proposed new houses at Seaton Delaval and Seghill.

There has been no recurrence of last summer's shortage of water. Tynemouth Corporation is now taking water in much greater quantities than hitherto from the Newcastle & Gateshead Water Company, thus enabling it to maintain a constant supply in its own area.

The water is controlled by bacteriological and chemical examination by the Tynemouth Corporation, and the Newcastle and Gateshead Water Company. The supply as received and distributed is satisfactory in quality and quantity.

The following table shows the districts served by the two bulk water suppliers and the approximate number of houses and approximate population served by standpipes and with house services.

#### Newcastle and Gateshead Water Company.

	<u>EARSDON</u>	<u>SEG HILL</u>
Houses supplied by standpipe	201	133
Population	510	311
Houses with internal services	2454	572
Population	8621	1878

Tynemouth Corporation.

	CRANLINGTON	SEATON DELAVAL
Houses supplied by standpipe	749	667
Population	2554	2149
Houses with internal services	1651	1512
Population	5398	4933

Drainage and Sewerage:

Sewerage from the western part of Cranlington continues to be treated at the temporary works at Nelson Village, and the Council should bear in mind the need for a more permanent arrangement, such as the conveyance of the sewerage to the East Hartford works, as soon as conditions in general will allow.

Rivers and Streams:

Rivers and Streams	)	
Closet Accommodation	)	
Public Cleansing	)	These items are
Sanitary Inspection of the District	)	dealt with in the
Shops and Offices	)	Chief Sanitary
Camping Sites	)	Inspector's Report.
Swimming Baths and Pools	)	
Eradication of Bed Bugs	)	

Schools:

The sanitary condition and the water supply of all schools in the area have been satisfactory.

SECTIONS D AND E.

Relating to Housing and inspection and supervision of Food are dealt with in the Chief Sanitary Inspector's report.

SECTION F.

PREVALENCE OF, AND CONTROL OVER, INFECTIOUS AND OTHER DISEASES:

Scarlet Fever:

48(63) cases of Scarlet Fever were notified. 44 cases were removed to the Isolation Hospital. 4 cases were isolated at home.

Distribution in the districts was:

Cranlington:	12 (10)	cases
Seaton Delaval:	10 (15)	"
Seghill:	10 (10)	"
Earsdon:	16 (28)	"
	<u>48 (63)</u>	"

Incidence of Scarlet Fever per 1,000 of the population was 1.82 (2.37).



### Diphtheria:

The district was free of Diphtheria during the year.

25 throat swabs were submitted to the Laboratory during the year, and all proved negative for Diphtheria.

### Pneumonia:

10(8) cases of Pneumonia were notified.

Deaths - 13 (7).

Incidence rate per 1,000 of the population was 0.49 (0.301).

It is evident that some cases of Pneumonia had not been notified.

### Erysipelas:

There was an absence of Erysipelas during the year as against 3 cases in 1950.

### Notifiable Diseases (excluding Tuberculosis) during 1951.

	Cases Notified	Cases Admitted to Hospital	Total Deaths
Scarlet Fever	48(63)	44(59)	0(0)
Pneumonia	10 (8)	2 (2)	13(7)
Erysipelas	- (3)	- (2)	0(0)
Dysentery	1 (3)	- (1)	0(0)
Whooping Cough	103(64)	- (0)	0(1)
Measles	485(257)	- (0)	0(0)

### Analysis of total notified cases under age groups

Diseases	Age Un- known	Under 1	1-	2-	3-	4-	5-	10-	15-	20-	35-	45-	65 and Ove
Scarlet Fever	1	1	-	4	4	5	30	-	2	1	-	-	-
Pneumonia	-	3	1	-	2	-	-	-	-	-	1	1	2
Dysentery	-	-	-	-	-	-	-	-	-	-	1	-	-
Whooping Cough	-	12	11	9	17	21	30	1	-	1	1	-	-
Measles	1	15	45	63	72	84	195	3	4	3	-	-	-

### Prevention of Blindness:

No case of Ophthalmia Neonatorum was notified during the year.

### Tuberculosis:

At the beginning of the year there were 104 (100) cases on the register, 82 Pulmonary and 22 Non-Pulmonary.

39 new cases, 35 Pulmonary and 4 Non-Pulmonary, were reported during the year.

There were 10(11) deaths, 8 Pulmonary, 2 Non-Pulmonary. The 2 Non-Pulmonary deaths registered had not been previously notified.

117 (104) cases, 94 Pulmonary and 23 Non-Pulmonary were on the register at the end of the year.

8 cases were transferred to other districts.  
7 Pulmonary and 1 Non-Pulmonary.

10 cases, 8 Pulmonary and 2 Non-Pulmonary, were removed from the register as having recovered.

New cases and Mortality during 1951

Age Periods	New Cases		Deaths	
	Respiratory	Non-Respiratory	Respiratory	Non-Respiratory
Age Unknown	2	-	-	-
Under 1	-	-	-	-
1-	-	2	-	-
5-	4	-	1	-
15-	5	-	-	-
25-	10	1	5	-
35-	5	1	2	-
45-	6	-	2	-
55-	2	-	-	-
65 and Over	1	-	-	2

Distribution of Deaths in Districts

District	Pulmonary		Non-Pulmonary		Total
	Male	Female	Male	Female	
Cramlington:	1	2	1	-	4
Seaton Delaval:	-	-	-	1	1
Seghill:	1	1	-	-	2
Earsdon:	2	1	-	-	3
	4	4	1	1	10

Death rate from Tuberculosis (all forms) was 85.47 (105.76) per 1,000 cases, on the register at the 31st December, 1951.

Death rate per 1,000 population was 0.379 (0.411)

Notification of Tuberculosis:

No action was necessary to enforce notification.

Two Non-Pulmonary deaths, had not been previously notified as suffering from the disease.

Venereal Diseases:

Propaganda has been conducted on the lines suggested by the Ministry of Health and Central Council for Health Education.

No case had applied to the Department for advice.

National Assistance Act 1948 Sec. 47:

No action under the above was necessary during the year.



Incidence of Infectious Diseases Notified  
Years 1942 - 1951.

	1942	1943	1944	1945	1946	1947	1948	1949	1950	1951
Scarlet Fever	90	69	63	50	45	26	122	66	63	48
Diphtheria	70	38	139	24	28	8	4	-	-	-
Erysipelas	6	2	4	4	2	3	2	2	3	-
Pneumonia	5	12	7	5	6	8	8	2	8	10
Whooping Cough	23	35	13	11	12	23	81	38	64	103
Measles	221	108	76	197	138	146	422	162	257	485
Puerperal Pyrexia	1	3	2	1	1	1	-	-	2	-
Ophthalmia Neonatorum	2	2	-	2	-	1	-	-	-	-
Para Typhoid	-	-	-	-	-	1	-	-	-	-
Dysentery	-	-	6	2	-	1	-	-	3	1
Meningitis & Cerebro-Spinal Fever	5	2	2	-	3	2	2	2	-	-
Malaria	-	-	-	-	1	-	1	-	-	-
Jaundice	-	-	-	-	1	-	-	-	-	-
Poliomyelitis Paralytic	-	-	-	-	-	3	-	1	2	-
" Non-Paralytic	-	-	-	-	-	-	-	-	5	-
	423	271	312	296	237	223	642	273	407	647

CAUSES OF DEATH IN SEATON VALLEY AREA 1951.

<u>Causes of Death</u>		<u>Male</u>	<u>Female</u>
All Causes	.....	187	151
1.	Tuberculosis of Respiratory System	4	4
2.	Other forms of Tuberculosis	1	1
3.	Syphilitis	2	-
4.	Diphtheria	-	-
5.	Whooping Cough	-	-
6.	Meningococcal infections	-	-
7.	Acute Poliomyelitis	-	-
8.	Measles	-	-
9.	Other infections and parasitic diseases	1	-
10.	Cancer of stomach	16	2
11.	Cancer of lung      Bronchus	3	1
12.	Cancer of breast	-	5
13.	Cancer of uterus	-	4
14.	Cancer of all other sites	11	8
15.	Leukemia    Aleukemia	1	-
16.	Diabetes	-	2
17.	Vascular lesions of nervous system	22	28
18.	Coronary diseases Angina	35	10
19.	Hypertension with heart disease	3	2
20.	Other heart disease	40	54
21.	Other circulatory disease	4	2
22.	Influenza	3	-
23.	Pneumonia	5	8
24.	Bronchitis	9	4
25.	Other diseases of respiratory system	-	-
26.	Ulcer of stomach and Duodenum	4	-
27.	Gastritis, enteritis, diarrhoea	2	1
28.	Nephritis and Nephrosis	2	2
29.	Hyperplasia of prostate	2	-
30.	Pregnancy, childbirth, abortion	-	1
31.	Congenital malformation	2	1
32.	Other defined and ill-defined diseases	9	10
33.	Motor vehicle accidents	3	-
34.	All other accidents	2	1
35.	Suicide	1	-
36.	Homicide and other operations of war	-	-
		<u>187</u>	<u>151</u>



To the Medical Officer of Health  
for every County Borough,  
Metropolitan Borough, County  
and County District in England  
and Wales.

CENTRAL REGISTER OFFICE,  
(STATISTICAL DIVISION),  
SOMERSET HOUSE,  
LONDON, W.C.2.

24th May 1952.

ANNUAL REPORTS OF MEDICAL OFFICERS OF HEALTH - 1951  
VITAL STATISTICS

Birth-rates, Death-rates, Analysis of Mortality, Maternal Mortality and  
Case-rates for Certain Infectious Diseases in the Year 1951.  
Provisional figures based on Quarterly Returns.

	England and Wales	126 County Boroughs & Great Towns (including London)	148 Smaller Towns (Resident Population 25,000 - 50,000 at 1931 Census)	London Admini- strative County
Rates per 1,000 Home Population				
BIRTHS				
Live births	15.5	17.3	16.7	17.8
Still births	0.36	0.45	0.38	0.37
DEATHS				
All Causes	13.5	13.4	12.5	13.1
Typhoid and paratyphoid	0.00	0.00	0.00	-
Whooping cough	0.01	0.01	0.01	0.01
Diphtheria	0.00	0.00	0.00	0.00
Tuberculosis	0.31	0.37	0.31	0.38
Influenza	0.38	0.36	0.38	0.23
Smallpox	0.00	0.00	0.00	-
Acute poliomyelitis (in- cluding polioencephalitis)	0.00	0.01	0.01	0.00
Pneumonia	0.61	0.65	0.63	0.61
NOTIFICATIONS (Corrected)				
Typhoid fever	0.00	0.00	0.00	0.01
Paratyphoid fever	0.02	0.03	0.02	0.01
Meningococcal infection	0.03	0.04	0.03	0.03
Scarlet fever	1.11	1.20	1.20	1.10
Whooping cough	3.87	3.62	4.00	3.11
Diphtheria	0.02	0.02	0.03	0.01
Erysipelas	0.14	0.15	0.12	0.15
Smallpox	0.00	0.00	0.00	-
Measles	14.07	13.93	14.82	14.64
Pneumonia	0.99	1.04	0.96	0.72
Acute poliomyelitis (in- cluding polioencephalitis)				
Paralytic	0.03	0.03	0.03	0.02
Non-paralytic	0.02	0.02	0.03	0.02
Food poisoning	0.13	0.15	0.08	0.23
DEATHS				
All causes under 1 year of age	29.6(a)	33.9	27.6	26.4
Enteritis and diarrhoea under 2 years of age	1.4	1.6	1.0	0.7
NOTIFICATIONS (Corrected)				
Puerperal fever and pyrexia	10.66	13.77	8.08	14.90

(a) Per 1,000 related live births.

# MATERNAL MORTALITY IN ENGLAND AND WALES.

Intermediate List No. and cause	No. of Deaths	Rates per 1,000 Total (Live and Still) Births	Rates per million women aged 15 - 44
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All5 Sepsis of pregnancy, childbirth and the puerperium	70	0.10	
(Abortion with toxæmia	3	0.00	0
All6 (Other toxæmias of pregnancy ( and the puerperium	167	0.24	
All7 Haemorrhage of pregnancy and childbirth	91	0.13	
All8 Abortion without mention of sepsis or toxæmia	37	0.05	4
All9 Abortion with sepsis	66	0.09	7
All20 Other complications of pregnancy, childbirth and the puerperium	125	0.18	



URBAN DISTRICT OF SEATON VALLEY.

Annual Report of the Chief Sanitary Inspector  
for the Year ending 31st December, 1951.

To the Chairman and Members  
of the Council:

Ladies and Gentlemen,

1. On 23rd June, 1951, Mr. Harold Bell (Clerk/Pupil Sanitary Inspector) left to carry out his period of National Service in H.M. Forces and Mr. Colin Mullarkey was engaged as Clerk/Pupil Sanitary Inspector and began duties on 8th September, 1951.

These are the only changes which took place during 1951 among the staff to whom I feel indebted for their continued assistance during the year.

HOUSING:

2. The number of occupied houses is shown in Table 1.

TABLE 1.

Number of Occupied Houses in the District on 31st December.

(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Privately Owned In Clea- rance Areas	Not in Clear- ance Areas	Privately owned houses requisitioned by the local authority included in (2) and (3)	Houses in (2) occupied under licence issued under Defence (General) Reg. 1939 No. 681A.	Council Houses	Total Houses
1949	662	4647	35	168	2649	7958
1950	597	4654	33	175	2779	8030
1951	515	4655	27	181	2892	8060

The distribution through the Area of the 515 houses condemned but still occupied on 31st December is shown below.

It will be seen that the Cramlington and Seghill areas have the largest legions of condemned properties to deal with and they should be dealt with as soon as possible.

3. Houses subject to Clearance Order but still occupied on 31st December, 1951.

CRAMLINGTON AREA.

<u>Address</u>	<u>No. of Houses</u>	<u>Confirmation of Clearance Order</u>
1-4 South Road, Klondyke	4	10.5.37
2,3 Brickyard Cottages, Klondyke	2	10.5.37
1-11, 13-16 Office Road, E.Hartford	15	15.6.38
2-10 Charlton's Buildings	9	15.6.38
1-12, 15-22, 24-28, 30-43, 45-46, Terrace Row, Klondyke	41	15.6.38
1-27, 31-51, 55-77, Lamb St., E.Cramlington	37	15.6.38
47-65 Albion Terrace	10	23.11.38
6,9 Boundary Road	2	23.11.38
1-3 Boundary Place	4	17.11.38
Handyside Place	6	16. 1.39
1-8, 10-26, 28-31, 33-72, 74-114, Shankhouse Terrace	110	16. 1.39
Laurel Place	2	38
1 & 2, Surgery Cottages, E.Cramlington	2	38
	<u>244</u>	

EARSDON AREA.

1,2,3 Ivy Cottages, Earsdon	1	1.12.37
1,5,6,7 Hotspur Place, Shiremoor	4	15. 3.38
1,2, Bertram Place, Shiremoor	2	37
1,2, Dobinson's Yard, Shiremoor	1	38
7 Duke's Cottages, Backworth	1	39
2,3,6,7 Taylor Street, Shiremoor	4	43
	<u>13</u>	

SEATON DELVAL AREA.

4,6-12, Cross Row, New Hartley	8	15. 7.37
19-29, 31-47, 50-60 Wheatridge Row	39	1.12.37
1-4, Pit Cottages, Bates Cottages (one empty)	3	1. 3.38
Colliery Gardens	1	36
North Farm Cottages, Holywell	2	37
East Grange Cottages, Holywell	2	37
51 Foreman's Row	1	37
4,11a, Dodds Buildings, Holywell	2	
	<u>58</u>	

SEGHILL AREA.

37-70 Blaketown	34	15.3.38
1,3-20 Whitehead's Buildings	19	15.6.38
1-20 Flat Top Row	20	15.6.38
1-7 Post Office Buildings	7	15.6.38
1-15 Quarry Row	15	15.6.38
1-3 Ladysmith	3	15.6.38
1-6 Station Terrace	6	15.6.38
2-11 Mares Close	8	15.6.38
2,3,5 Old Square	3	15.6.38
1-6 Old Fold	6	15.6.38
1-7 New Square	7	15.6.38
5-8 Main Street	4	15.6.38
8-10 Middle Farm	3	15.6.38
2-6,8-10 West Farm	8	15.6.38
1-12 North Terrace	12	15.6.38
1-12 Blue Row	12	15.6.38
Burns Yard	6	7.6.38



# SEGHILL AREA (Contd.)

<u>Address</u>	<u>No. of Houses</u>	<u>Confirmation of Clearance Order</u>
5 Cross Row	1	1938
39, 40 New Square	2	1938
6, 7, 8, 9, The Quarry	4	1938
1 Reid's Lane	1	1938
1, 2, Chapel Row	2	1938
High West Farm	2	1938
10, 11, Post Office Buildings	2	1938
6 Middle Farm	1	1938
31, 32, 33, New Square	3	1938
2, 3 Joiner's Cottages	2	1938
1, 2, 3, 3a, 3b, Front Street	5	1938
	<u>198</u>	

## Requisitioned Houses:

The following 31 houses were held by the Council under requisition on 1st January, 1951.

			<u>Derequisitioned</u>
1a Boundary Place, Shankhouse	Cramlington Housing Sub-committee		
5 do. Road, do.	do.		
7 do. do.	do.		
8 do. do.	do.		
7 Lamb Street, E. Cramlington	do.		
39 do. do.	do.		
77 do. do.	do.		
5 Middle Wood Road, Shankhouse	do.		
7 do. do.	do.	2. 2.1951	
17 do. do.	do.	12. 6.1951	
* Miller's Stores, E. Cramlington	do.		
20 Railway Road, Shankhouse	do.	12. 6.1951	
26 do. do.	do.	23.10.1951	
18 Shankhouse Terrace, do.	do.		
24 do. do.	do.		
33 do. do.	do.		
36 do. do.	do.		
37 do. do.	do.		
9 Terrace Road, Klondyke	do.		
* 22 Redheugh Road, Wollfield	Earsdon Area Housing Sub-committee		
2 Pit Cottages, Bates Cottages	Seaton Delaval Housing Sub-committee		
53 Blaketown, Seghill	Seghill Area Housing Sub-committee		
6 Blue Row, do.	do.		
2 High West Farm Cottage, do.	do.		
7 New Square, Seghill	do.		
3 Quarry Road, do.	do.		
5 do. do.	do.		
9 do. do.	do.		
1 Station Terrace, do.	do.		
4 West Farm, do.	do.		
4 Whitehead's Blds. do.	do.		

All the properties requisitioned except those marked \* are subject to Clearance Order.

At the 31st December, 1951, there were 27 houses requisitioned 4 having been de-requisitioned during the year.

<u>Area of</u>	<u>No. of Requisitioned Houses at 31st December.</u>
Cramlington Housing Sub-Committee	15
Earsdon do.	1
Seaton Delaval do.	1
Seghill do.	10



The maintenance of these houses is the responsibility of the Health Department. 25 are unfit to live in and their repair is difficult to carry out and never satisfactory. It will be a good thing when they are emptied and demolished.

Defence (General) Regulations 1939 No. 684A:

4. The complete list of houses licensed under the above Regulation is given in the Annual Report for record purposes and information.

House occupied under licence	Licence Number	Licence renewed 1951		Licence with-drawn	Licence first Granted	House Demolished
18 Albion Tce. S'House	1	27.3.51	25.9.51	-	13. 5.42	-
10 Farm Road, High Pit	2	-	-	16.6.49	18. 6.42	17.7.50
6 Station Tce., Seghill	3	26.6.51	18.12.51	-	23. 6.42	-
7 North Terrace, do.	4	27.3.51	25.9.51	-	29. 7.42	-
25 Lamb St., E.Cramlington	5	"	"	-	21. 8.42	-
58 Albion Tce., Shankhouse	6	"	"	-	2. 9.42	-
4 Cross Row, New Hartley	7	"	"	-	23.11.42	-
4 Office Rd.Bk. E.Cram.	8	-	-	Dec.48	"	Mar.50
47 Lamb St. E.Cramlington	9	27.3.51	24.7.51	-	21.12.42	-
		25.9.51				
29 Terrace Rd. Klondyke	10	27.3.51	-	30.9.51	19.1.43	-
9 Whitley Row, Shiremoor	11	-	-	Dec.48	27.1.43	18.3.49
17 Burn Row, E.Holywell	12	-	-	"	"	12.1.50
4 Office Rd.Front,E.Cram.	13	-	-	26.10.48	30.1.43	Mar.50
35 Terrace Rd. Klondyke	14	27.3.51	25.9.51	-	6.2.43	-
6 Front St., Seghill	15	26.6.51	18.12.51	-	16.2.43	-
18 Burn Row, E.Holywell	16	-	-	30.6.49	2.3.43	12.1.50
15 do. do.	17	-	-	"	13.4.43	"
49 Albion Tce., Shankhouse	18	26.6.51	18.12.51	-	17.4.43	-
14 Flat Top Row, Seghill	19	"	"	-	21.4.43	-
17 Albion Tce., Shankhouse	20	"	"	-	10.6.43	-
53 do. do.	21	27.3.51	25.9.51	-	"	-
11 Burn Row, E.Holywell	22	-	-	30.6.49	23.6.43	12.1.50
4 Ivy Cottages, Earsdon	23	-	-	"	14.7.43	-
1 Whitley Row, Shiremoor	24	-	-	"	3.8.43	14.9.49
5 do. do.	25	-	-	31.12.48	"	31.12.48
6 Shankhouse Tce., S'house	26	27.3.51	25.9.51	-	19.8.43	-
30 Terrace Rd. Klondyke	27	"	"	-	"	-
10 Handyside Place, S'house	28	-	-	31.3.49	23.8.43	-
42 Blaketown, Seghill	29	26.6.51	18.12.51	-	31.8.43	-
14 Quarry Row, do.	30	"	"	-	6.9.43	-
6 Old Fold, do.	31	"	"	-	29.9.43	-
6 Whitley Row, Shiremoor	32	-	-	1.11.48	8.10.43	31.12.48
10 Middle Farm, Cottages, Seghill	33	27.3.51	25.9.51	-	4.11.43	-
15 Shankhouse Tce. S'house	34	26.6.51	18.12.51	-	12.11.43	-
4 Burn Row, E.Holywell	35	-	-	31.12.48	16.11.43	12.1.50
6 Railway Rd., Shankhouse	36	-	-	12.3.51	29.11.43	Sep.51
55 Blaketown, Seghill	37	26.6.51	18.12.51	-	16.12.43	-
1 Old Square, do.	38	27.3.51	25.9.51	-	"	-
2 Joiner's Cotts. do.	39	26.6.51	18.12.51	-	6.1.44	-
12 Double Row, E.Holywell	40	"	-	9.10.51	10.1.44	Jan.52
28 Albion Tce., Shankhouse	41	27.3.51	25.9.51	-	24.1.44	-
13 Shankhouse Tce., do.	42	"	"	-	"	-
1 Boundary Road, do.	43	-	-	31.12.48	16.3.44	29.9.50
6 do. do.	44	-	-	"	"	-
7 Cross Row, New Hartley	45	26.6.51	18.12.51	-	29.4.44	-
9 Office Road, Hartford	46	"	"	-	25.5.44	-
15 Middle Wood Rd.S'house	47	-	-	5.2.51	30.6.44	Sep.51
9 Double Row, E.Holywell	48	-	-	18.6.51	3.7.44	Jan.52
39 Wheatridge Row, S.Delaval	49	27.3.51	25.9.51	-	4.7.44	-
22 Blaketown, Seghill	50	"	"	-	11.7.44	-
45 Blaketown, do.	51	26.6.51	18.12.51	-	"	-
2 Ladysmith, do.	52	27.3.51	25.9.51	-	"	-
33 Shankhouse Tce.S'house	53	"	"	-	27.7.44	-
8 Cross Row, New Hartley	54	"	"	-	31.7.44	-
12 do. do.	55	"	"	-	"	-



House occupied under licence	Lice- nce No.	Licence renewed 1951		Licence With- drawn	Licence first Granted	House Demol- ished
8 Main St., Seghill	56	26.6.51	18.12.51	-	18.9.44	-
18 Whitehead's Blds.Seghill	57	"	"	-	"	-
47 Albion Tce. Shankhouse	58	"	"	-	5.10.44	-
8 Shankhouse Tce. do.	59	"	"	-	27.10.44	-
28 Wheatridge Row, S.Del.	60	"	"	-	9.11.44	-
20 Whitehead's Blds.Seghill	61	"	"	-	1.12.44	-
14 Old Stone Road, North E.Cramlington	62	-	-	30.8.48	5.12.44	13.1.50
9 Middle Farm, Seghill	63	26.6.51	18.12.51	-	"	-
8 Boundary Rd. S'house	64	-	-	27.2.45	27.12.44	17.2.49
10 West Farm, Seghill	65	26.6.51	18.12.51	-	13.4.45	-
23 Wheatridge Row, S.Del.	66	"	"	-	4.6.45	-
5 Cross Row, Seghill	67	"	"	-	"	-
1 Pit Cottages, B.Cotts.	68	"	"	-	5.6.45	-
49 Shankhouse Tce. S'house	69	"	"	-	26.7.45	-
1 Terrace Road, Klondyke	70	"	"	-	"	-
5 do. do.	71	"	"	-	"	-
2 Handyside Place, S'house	72	27.3.51	25.9.51	-	26.8.45	-
1 Lamb St., E.Cramlington	73	"	"	-	28.8.45	-
11 Albion Tce. Shankhouse	74	"	"	-	"	-
2 The Slack, Klondyke	75	"	"	22.11.51	"	Feb.52
18 Flat Top Row, Seghill	76	"	"	-	"	-
8 do. do.	77	"	"	-	13.9.45	-
2 New Square, do.	78	"	"	-	"	-
6 The Quarry, do.	79	"	"	-	"	-
5 Post Office Blds. do.	80	"	"	-	"	-
13 Flat Top Row, Seghill	81	"	"	-	23.10.45	-
8 Blue Row, do.	82	"	"	-	"	-
5 Main Street, do.	83	"	"	-	"	-
12 Charlton's Blds.S'house	84	"	-	26.2.51	"	-
10 Burn Row, E.Holywell	85	-	-	24.1.49	27.11.45	12.1.50
7 Railway Rd., S'house	86	-	-	26.2.51	"	30.9.51
11 do. do.	87	26.6.51	-	30.6.51	"	"
30 Wheatridge Row, S.Del.	88	"	18.12.51	-	"	-
2 Old Stone Rd.E.Cram.	89	-	-	7.6.48	"	13.1.50
13 Whitehead's Blds.Seghill	90	26.6.51	18.12.51	-	"	-
10 Blue Row, Seghill	91	"	"	-	"	-
90 Shankhouse Tce. S'house	92	"	"	-	18.12.45	-
113 do. do.	93	"	"	-	"	-
5 Office Rd. E.Cram.	94	-	-	20.9.48	22.1.46	31.3.50
8 Middle Wood Rd. S'house	95	26.6.51	-	15.6.51	25.2.46	30.9.51
11 Quarry Row, Seghill	96	27.3.51	25.9.51	-	26.2.46	-
12 do. do.	97	"	"	-	"	-
4/5 Mare's Close.do.	98	"	"	-	"	-
5 Station Tce., do.	99	"	"	-	"	-
6 Handyside Pl. S'house	100	-	-	31.3.50	26.3.46	-
16 Office Road, Hartford	101	27.3.51	25.9.51	-	"	-
6 Charlton's Blds.S'house	102	"	"	-	"	-
38 Terrace Row, Klondyke	103	26.6.51	18.12.51	-	28.5.46	-
40 do. do.	104	"	"	-	"	-
12 Railway Road, S'house	105	27.3.51	-	26.5.51	"	30.9.51
49 Lamb St. E.Cramlington	106	26.6.51	18.12.51	-	25.6.46	-
3 Old Fold, Seghill	107	"	"	-	"	-
9 Cross Row, New Hartley	108	"	"	-	"	-
9 Handyside Pl. S'house	109	"	"	-	"	-
14 Office Road, Hartford	110	"	"	-	23.7.46	-
46 Terrace Row, Klondyke	111	"	"	-	"	-
103 Shankhouse Tce. S'house	112	"	"	-	27.3.46	-
4 Farm Road, High Pit	113	-	-	20.12.49	27.8.46	17.7.50
1 Bertram Pl. Shiremoor	114	26.6.51	18.12.51	-	"	-
2 do. do.	115	"	"	-	"	-
41 Lamb St. E.Cramlington	116	"	"	-	24.9.46	-
30 Shankhouse Tce. S'house	117	"	"	-	"	-
32 Blaketown, Seghill	118	27.3.51	25.9.51	-	22.10.46	-
31a Station Road, Cram.	120	-	-	31.3.48	"	-
6 Cross Row, N. Hartley	121	26.6.51	18.12.51	-	17.12.46	-
3 Joiner's Cotts.Seghill	122	"	"	-	26.11.46	-
1 New Square, do.	123	"	"	-	17.12.46	-
12 Flat Top Row, do.	124	"	"	-	"	-



House occupied under Licence	Lice- nce No.	Licence renewed 1951		Licence With- drawn	Licence First Granted	House Demol- ished
5 Blue Row, Seghill	125	26.6.51	18.12.51	-	17.12.46	-
7 Main St. do.	126	"	"	-	30. 1.47	-
2 Charlton's Blds. S'house	127	27.3.51	25. 9.51	-	25. 3.47	-
19 Front St. Seghill	128	"	"	-	31. 3.47	-
5 Handyside Plc. S'house	129	"	"	-	"	-
6 Flat Top Row, Seghill	130	"	"	-	1. 4.47	-
2 Whitehead's Blds. do.	131	"	"	-	22. 4.47	-
65 Blaketown, Seghill	132	"	"	-	"	-
67 do. do.	133	"	"	-	"	-
70 do. do.	134	"	"	-	"	-
57 Shankhouse Tce. S'house	135	"	"	-	27. 5.47	-
18 or 57 Blaketown, Seghill	136	26.6.51	18.12.51	-	17. 6.47	-
7 Front Street, do.	136A	"	"	-	22. 7.47	-
109 Shankhouse Tce. S'house	137	"	"	-	"	-
10 Cross Row, New Hartley	138	"	"	-	"	-
2 North Terrace, Seghill	139	"	"	-	"	-
3 Shankhouse Tce. S'house	140	"	"	-	29. 7.47	-
2 Brickyard Cotts. Klondyke	141	"	"	-	23. 9.47	-
2 Taylor Street, Shiremoor	142	-	-	-	"	-
11 Handyside Plc. S'house	143	-	-	30.6.51	"	-
4 do. do.	144	26.6.51	18.12.51	-	"	-
5 Double Row, E. Holywell	145	-	-	18.6.51	17.6.47	Jan. 52
59 Lamb St. E. Cranlington	146	27.3.51	25.9.51	-	28.11.47	-
11 Charlton's Blds. S'house	147	"	-	30.9.51	25.11.47	-
54 Wheatridge Row, S. Del.	148	"	25.9.51	-	"	-
56 do. do.	149	"	"	-	"	-
13 Office Rd. E. Hartford	150	"	"	-	"	-
6 do. do.	151	"	"	-	"	-
2 Chapel Row, Seghill	152	26.6.51	18.12.51	-	23.12.47	-
1 Charlton's Blds. S'house	153	-	-	1.6.51	"	-
68 Blaketown, Seghill	154	26.6.51	18.12.51	-	"	-
33 Lamb St. E. Cranlington	155	"	"	-	27. 1.48	-
6 Whitehead's Blds. Seghill	156	27.3.51	25.9.51	-	23. 3.48	-
20 Flat Top Row, do.	157	"	"	-	"	-
3 Charlton's Blds. S'house	157A	"	"	-	"	-
1 North Tce. Seghill	158	26.6.51	18.12.51	-	27. 4.48	-
1 Whitehead's Blds. do.	159	"	"	-	"	-
51 Blaketown, do.	160	"	"	-	"	-
8 Quarry Row, do.	161	"	"	-	"	-
2 Post Office Blds. do.	162	"	"	-	"	-
63 Lamb St. E. Cranlington	163	"	"	-	"	-
3 Chapel Row, Seghill	164	"	"	-	"	-
3 Double Row, E. Holywell	165	-	-	18.6.51	"	Jan. 52
23 Lamb St. E. Cranlington	166	26.6.51	18.12.51	-	31.8.48	-
6 Quarry Row, Seghill	167	"	"	-	"	-
3 Ladysmith, Seghill	168	27.3.51	25.9.51	-	28.9.48	-
9 North Tce. do.	169	"	"	-	26.10.48	-
9 Charlton's Blds. S'house	170	"	"	-	23.11.48	-
16 Terrace Row, Klondyke	171	"	"	-	"	-
46 Blaketown, Seghill	172	26.6.51	18.12.51	-	22. 2.49	-
60 do. do.	173	"	"	-	"	-
68 Shankhouse Tce. S'house	174	"	"	-	"	-
45 Lamb St. E. Cranlington	175	"	"	-	"	-
61 do. do.	176	"	"	-	26. 4.49	-
25 Albion Tce., S'house	177	27.3.51	25.9.51	-	22. 3.49	-
26 do. do.	178	"	"	-	24. 5.49	-
3 Brickyard Cotts. Klondyke	179	"	"	-	"	-
25 Shankhouse Tce. S'house	180	26.6.51	18.12.51	-	28.6.49	-
77 do. do.	181	"	"	-	"	-
87 do. do.	182	"	"	-	"	-
10 Office Road, E. Hartford	183	"	"	-	"	-
7 Middle Farm, Seghill	184	"	"	-	"	-
19 Albion Tce. S'house	185	"	"	-	"	-
1 Brickyard Cotts. Klondyke	186	"	"	-	"	1951
4 Post Office Blds. Seghill	187	"	"	-	26.7.49	-
4 Shankhouse Tce. S'house	188	"	"	-	23.8.49	-
12 Whitehead's Blds. Seghill	189	"	"	-	22.11.49	-
47 Shankhouse Tce. S'house	190	"	"	-	"	-
1 Flat Top Row, Seghill	191	"	"	-	"	-



House occupied under licence	Licence No.	Licence renewed 1951		Licence Withdrawn	Licence First Granted	House Demolished
1 Handyside Pl. S'house	192	26.6.51	18.12.51	-	20.12.49	-
8 Office Row, Hartford	193	27.3.51	25.9.51	-	28. 2.50	-
31 Blaketown, Seghill	194	"	"	-	28. 3.50	-
57 do. do.	195	"	"	-	"	-
10 Flat Top Row, do.	196	"	"	-	25.4.50	-
7 Whitehead's Blds. Seghill	197	"	"	-	"	-
10 Chariton's Blds. S'house	198	26.6.51	18.12.51	-	25.5.50	-
8 Front St., Seghill	199	"	"	-	22.8.50	-
Blake's Blds. do.	199A	"	"	-	27.6.50	-
10. Double Row, E. Holywell	200	"	-	9.10.51	26.9.50	Jan. 52
16 Whitehead's Blds. Seghill	201	"	18.12.51	-	19.12.50	-
2 Flat Top Row, Seghill	202	"	"	-	19. 2.51	-
83 Shankhouse Tce. S'house	203	"	"	-	27. 2.51	-
1 Old Fold or)						
1 Cross Row ) Seghill	204	-	25.9.51	-	27. 3.51	-
24 Albion Tce., S'house	205	-	"	-	24. 4.51	-
60 do. do.	207	-	"	-	22. 5.51	-
5 Shankhouse Tce. do.	208	-	"	-	"	-
74 do. do.	209	-	"	-	"	-
8 Middle Farm, Seghill	210	-	18.12.51	-	12.12.50	-
2 Station Tce. do.	211	-	"	-	19.12.50	-
64 Albion Tce. S'house	212	-	"	-	23. 6.51	-
8 Charlton's Blds. do.	213	-	"	-	"	-
11 Office Road, Hartford	214	-	"	-	"	-
1 Shankhouse Tce. S'house	215	-	"	-	26.6.51	-
6 Main Street, Seghill	216	-	"	-	"	-
1 Post Office Blds. do.	217	-	"	-	"	-
57 Albion Tce. S'house	218	-	"	-	24.7.51	-
63 do. do.	219	-	"	-	28.8.51	-
11 Terrace Road, Klandyke	220	-	"	-	29.5.51	-
52 Shankhouse Tce. S'house	221	-	-	-	23.10.51	-

From the above table it will be seen that:-

- (a) at the 31st December, 1951, the number of houses let under licence was 181.
- (b) the number of licences granted during the year was 372.
- (c) " " " houses licensed for the first time during the year was 18.
- (d) " " " " where the licence was withdrawn was 17.

These houses are all subject to Clearance Orders made at least 13 years ago and owners are naturally loath to spend money on their maintenance. A good many belong to the National Coal Board who have carried out many repairs but they are not willing to spend more than a certain amount on each house. It is clearly impossible to suddenly cease issuing licences for those properties licensed and occupied unless the tenant can be rehoused, and the solution to the problem is

- (a) when an unlicensed house, subject to Clearance Order, becomes empty for any reason, enforce demolition and do not grant a licence for its reoccupation.
- (b) when a licence determines on the termination of a tenancy, enforce demolition and do not re-licence the house.
- (c) empty as many licensed houses as possible together with other property subject to Clearance Order and demolish.

To rehouse a tenant from a licensed house into a Council owned house and then allow further occupation of the unfit house only perpetuates the problem.

The size of the problem in each area is shown under.

No. of houses let under licence at 31.12.51.

In the area of

83	Cramlington Housing Sub-committee.
2	Earsdon " " "
14	Seaton Delaval " " "
82	Seghill " " "
181	



# Houses Demolished in 1951.

## Cramlington Area

1 Brickyard Cottages, Klondyke	1
5 " " "	1
6 " " "	1
2,3,4 Middle Row, Shankhouse	3
6-26 " " "	22
1-29 Railway Row, "	29

## Seghill Area

30 New Square, Seghill 1.

## Earsdon Area

Railway Cottage, Shiremoor	1
18 Double Row, E. Holywell	1
19 " " "	1

5. The following information is provided in accordance with the Housing (Consolidated) Regulations 1925-1932.

TABLE 2.

	1949	1950	1951
Number of houses which on inspection were considered to be unfit for human habitation	84	121	137
Number of houses the defects in which were remedied in consequence of informal action by the local authority or their officers	186	140	136
Number of representations made to the local authority with a view to:-			
(a) the serving of notices requiring the execution of works	3	40	32
(b) the making of demolition or closing orders	1	None	1
Number of notices served requiring the execution of works	3	40	32
Number of houses which were rendered fit after service of formal notices	3	5	22
Number of demolition or closing orders made	1	None	1
Number of houses in respect of which an undertaking was accepted under sec 11(3) of the Housing Act 1936	None	None	None
Number of houses demolished	15	65	61
Total number of houses inspected under the Public Health and Housing Acts	225	212	265
Total number of inspections made in respect of the above houses	1182	723	1254



## DRAINAGE:

6. The following drainage works were executed during the year:

TABLE 3.

	1949	1950	1951
No. of feet of old drain removed	85	146	150
" " " " new 4" drain installed	1211	1321	4035
" " " " " 6" " "	120	-	1190
" " defective gullies removed	9	7	20
" " new trapped gullies provided	39	39	167
" " privies removed	2	-	16
" " ashpits removed	2	-	16
" " privies and ashpits repaired	-	18	-
" " new water closets provided	25	21	51
" " " sinks provided	5	4	60
" " waste inspection chambers provided	20	23	33
" " baths installed (excl. Council Houses)	6	1	6
" " houses at which drains have been tested	27	30	68
" " tests of drains made	59	59	165
" " urinals provided	-	4	2

Where it is possible and appropriate new drains are subjected to a water test as a routine. In other cases smoke tests are applied.

Work on the privy conversion scheme at Klondyke, Cramlington, which was first instigated by the Health Department in 1949, was begun towards the end of 1951 and at 31st December, 16 privies had been converted and 32 were in progress. The contractor had some difficulty with subsoil water in the first dozen conversions at the western end of Hastings Street owing to a barrier of clay permitting the water to escape, but later progress was unimpeded by water.

## RIVERS AND STREAMS:

7. Control of these passed from the Council's control on 1st October, 1950. No material change was notified in the Seaton Burn or Brier Dene streams.

## ATMOSPHERIC POLLUTION:

8. From July, 1951, the colliery spoilbank at Fenwick Pit, East Holywell, came under observation and for the rest of the year representations were made to the National Coal Board to control the serious nuisance from fumes. By December water was being sprayed on it but its condition was still bad.

The other spoilbanks in the area was either dead or giving off very small amounts of fumes.

## INFECTIOUS DISEASE:

9. 5 houses were disinfected after cases of infectious disease.

30 infected library books valued at £8.15. 3. were destroyed.

72 visits were paid to cases of infectious disease.

## WATER SUPPLY:

10. Samples of water supplied to the district were taken and the Public Analyst's reports thereon are given below:-

Supplier - Newcastle & Gateshead Water Company.

Chemical Results.

Parts per 100,000

Total solids dried at 180° C.	24.0
Chlorine as chlorides	1.42
Free ammonia	0.005
Albuminoid ammonia	0.005
Nitrogen as nitrates	0.07
Oxygen absorbed (4 hours at 80° F.)	0.290
Total hardness	14.8
Permanent hardness	3.8
Temporary hardness	11.0
Lead and Copper	None
Iron	0.02
Appearance and colour (Hazen degrees 15)	Pale yellow & almost clear.
Smell and Taste	Satisfactory
Microscopical examination of deposit	Satisfactory.

Bacteriological Results pH; value ..... 7.3

Number of bacteria per millilitre (ml.)

Visible on agar after 48 hours incubation at 37° C.	5
" "gelatine " 72 " " 21° C.	7

Coliform Organisms as shown by the production of acid and gas in MacConkey's Bile Salt Lactose broth after 48 hours incubation at 37° C:-

0.1 ml. of sample	-----	10 mls. of sample	absent
1.0 " " "	absent	100 " " "	absent.

Confirmatory tests for Bacillus Coli. on -- mls.

Indol production	-----	Voges Proskauer (V.P.)	-----
Methyl Ref (M.R.)	-----	Citrate test	-----

Report: This sample of water is of the usual satisfactory organic purity of the Newcastle supply and the bacteriological results show it to be perfectly safe for drinking and domestic use.

There is no sediment visible for microscopical examination and the sample had no unpleasant odour or taste.

Unpleasant tastes sometimes occur in water owing to chlorination in presence of some types of organic matter and such tastes are usually styled "disinfectant" or "iodoform". It sometimes happens, also, that an unpleasant odour, and possibly taste, is noticeable when galvanised iron pipes are used for the conveyance of some waters.

19th Jan. 1951.

Signed W. GORDON CAREY."

Supplier - Newcastle & Gateshead Water Company.

Parts per 100,000

Chemical Results

Total solids dried at 180° C.	24.0
Chlorine as chlorides	1.42
Free ammonia	0.005
Albuminoid ammonia	0.004
Nitrogen as nitrates	0.07
Oxygen absorbed (4 hours at 80° F.)	0.300
Total hardness	14.8
Permanent hardness	3.8
Temporary hardness	11.0
Lead and Copper	None
Iron	0.02
Appearance and Colour (Hazen degrees 15)	Pale yellow & almost clear
Smell and Taste	Satisfactory
Microscopical examination of deposit	Satisfactory.



Bacteriological Results. pH. value ..... 7.3

Number of bacteria per millilitre (ml.).

Visible on agar after 48 hours incubation at 37°C. 7  
" "gelatine " 72 " " " 21°C. 2

Coliform Organisms as shown by the production of acid and gas in MacConkey's Bile Salt Lactose broth after 48 hours incubation at 37° C:-

0.1 ml. of sample ---- 10 mls. of sample absent  
1.0 " " " absent 100 " " " absent.

Confirmatory tests for Bacillus Coli. on --- mls.

Indol production ---- Voges Proskauer (V.P.) ----  
Methyl Red (M.R.) ---- Citrate test ----

Report: This sample of water is of satisfactory organic purity as judged by chemical analysis and the bacteriological results, also, are good.

No unpleasant smell or taste was detected in the sample and there is no sediment visible for microscopical examination.

I am of the opinion that the water is suitable for drinking and domestic use.

Signed W. GORDON CAREY."

19th Jan. 1951.

Supplier - Tynemouth Corporation Water Department.

Chemical Results

Parts per 100,000

Total solids dried at 180° C 12.0  
Chlorine as chlorides 1.60  
Free ammonia 0.007  
Albuminoid ammonia 0.006  
Nitrogen as nitrates 0.04  
Oxygen absorbed (4 hours at 80° F.) 0.735  
Total hardness 8.0  
Permanent hardness 2.0  
Temporary hardness 6.0  
Lead and Copper None  
Iron 0.01

Appearance and colour (Hazen degrees 90) Fairly deep orange yellow and clear.

Smell and taste Satisfactory

Microscopical examination of deposit Satisfactory.

Bacteriological Results. pH. value ..... 6.9

Number of bacteria per millilitre (ml.)

Visible on agar after 48 hours incubation at 37°C. 9  
" "gelatine " 72 " " " 21°C. 12

Coliform organisms as shown by the production of acid and gas in MacConkey's Bile Salt Lactose broth after 48 hours incubation at 37° C:-

0.1 ml. of sample ---- 10 mls. of sample absent  
1.0 " " " absent 100 " " " absent.

Confirmatory tests for Bacillus Coli. on --- mls.

Indol production ---- Voges Proskauer (V.P.) ----  
Methyl Red (M.R.) ---- Citrate test ----

Report: This sample of water is of satisfactory organic and bacterial purity, the high oxygen absorbed figure being due to the peaty colour of the water, which is characteristic of this supply and which gives the water its very deep colour.

The water has been adequately filtered and is free from taste and odour.

I am of the opinion that the water is suitable for a Public Supply.

Signed. W. GORDON CAREY."

18.12.51.



Supplier - Newcastle & Gateshead Water Company.

Chemical Results	Parts per 100,000
Total solids dried at 180° C	20.0
Chlorine as chlorides	1.42
Free ammonia	0.007
Albuminoid ammonia	0.006
Nitrogen as nitrates	0.07
Oxygen absorbed (4 hours at 80° F.)	0.220
Total hardness	16.8
Permanent hardness	3.8
Temporary hardness	13.0
Lead and copper	None
Iron	0.01
Appearance and Colour (Hazen degrees 15)	Pale yellow & clear
Smell and Taste	Satisfactory
Microscopical examination of deposit	Satisfactory.

Bacteriological Results.                      pH value .....                      7.1

Number of bacteria per millilitre (ml.).			
Visible on agar after 48 hours incubation at 37° C.	5		
" "gelatine " 72 " " 21° C.	0		

Coliform Organisms as shown by the production of acid and gas in MacConkey's Bile Salt Lactose broth after 48 hours incubation at 37° C:-

0.1 ml. of sample	-----	10 mls. of sample	absent
1.0 " " "	absent	100 " " "	absent.

Confirmatory tests for Bacillus Coli. on ---- mls.			
Indol production	-----	Voges Proskauer (V.P.)	-----
Methyl Red (M.R.)	-----	Citrate test	-----

Report: This sample of water is of satisfactory organic purity as judged by chemical analysis and this is borne out by the excellent bacterial results obtained.

The water is free from odour and taste; it has been adequately filtered and its colour is good.

I am of the opinion that the water is suitable for a Public Supply.

13.12.51.                      Signed                      W. GORDON CAREY."

MILK:

11. At the 31st December, 1951, the following figures relating to milk obtained:-

TABLE 4.

		At 31st December		
		1949	1950	1951
No. of premises registered as dairies (other than dairy farms)		8	5	5
No. of persons registered as milk distributors		18	15	16
No. of licences authorizing the sale of				
Tuberculin Tested Milk	Principal	12	12	12
	Supplomentary	1	1	1
No. of licences authorizing sale of				
Accredited Milk	Principal	1	1	1
	Supplementary	-	-	-
No. of licences authorizing sale				
of Pasteurized Milk	Principal	11	14	9
	Supplementary	2	2	2
No. of licences authorizing sale				
of Sterilized Milk	Principal	4	4	8
	Supplementary	-	-	-

12. 38 samples of milk were taken during the year and tested for the presence of b. tuberculosis. 34 were found tuberculosis free, in 2 cases the guinea pigs died before tests were concluded, and in two cases tuberculosis was found. In the latter cases one cow was slaughtered and another removed and graded.

13. 2 samples of pasteurized milk submitted to the phosphatase test proved satisfactory.

14. 3 samples of milk submitted to methylene blue test were satisfactory.

15. 3 samples of milk submitted to b.coli test shewed 2 satisfactory and 1 unsatisfactory.

#### FOOD INSPECTION:

16. 8 carcasses of pork were inspected and passed fit for human consumption.

17. 179 visits were made to retail food shops including butchers, and the following quantities of food were found to be unfit for human consumption:-

72 lbs.	Beef (Imported)	5 tins	Peaches
99 lbs.	Beef (Home)	1 tin	Apples
134 tins	Luncheon Meat	3 tins	Grapes
9 tins	Mince Beef Loaf	22 tins	Apricots
3 tins	Tongue	81 tins	Oranges
4 tins	Steak	1 tin	Apple Jelly
11 tins	Pork	2 tins	Raspberries
42 lbs.	Jellied Veal	7 tins	Pears
2½ lbs.	Span	7 tins	Damsons
571 lbs.	Cooked Ham	4 tins	Bilberries
26 tins	Cooked Ham	10 tins	Grapefruit
4 lbs.	Cooked Chicken	2 tins	Prunes
9 lbs.	Chopped Pork	1 tin	Bananas
8 tins	Meat Paste	2 jars	Fruit Salad
¼ lb.	Suet	9 jars	Jam
24 lbs.	Sausage	2 tins	Herrings
33 tins	Sausage	1 tin	Crab Paste
7	Meat Pies	1 tin	Crab
27 lbs.	Flour	3 tins	Fish
13½ lbs.	Cake	5 tins	Salmon
2	Cream Cakes	100 tins	Evaporated Milk
1 tin	Macaroni	59 lbs.	Butter
7 lbs.	Rice	2 tins	Soup
8½ lbs.	Butter Beans	68 boxes	Cheese
59 tins	Peas	6 lbs.	Cheese
117 tins	Tomatoes	10 packets	Table Jelly
2 tins	Tomato Soup	2 bottles	Coffee Essence
32 tins	Plums	7 tins	Beetroot
10 jars	Date & Honey Spread	3 tins	Syrup
48 tins	Baked Beans	2 bottles	Pickled Cabbage
3 bottles	Sauce.		

18. There are approximately 16 Fried Fish Shops in the district but no wet fish shops. There were on the Register at 31st December 4 bakehouses and these are inspected for cleanliness.

#### Ice Cream:

19. There were, on 31st December, 1951, two premises where ice cream is made and sold, and 17 where ice cream was sold. The following samples were taken.

Ministry of Health Provisional Grading.					
No. of Samples	Grade	I	II	III	IV
46		40	4	2	-



This is a distinct improvement on last year when one quarter of the tests were unsatisfactory.

# FACTORIES ACT 1937:

20.	<u>No. on Register</u>	<u>Inspection</u>	<u>Written Notices</u>
Factories in which Sections 1,2,3,4, & 6, are enforced by the Council:	9	5	-
Factories not included in above where sec 7 is enforced by the Council:	30	34	11
Other premises in which sec 7 is enforced by Council:	-	-	-
TOTAL:	39	39	11

Defects	Found	Remedied	Referred by H.M. Inspector
Unsuitable or defective sanitary conveniences	11	11	-
Other offences	-	-	-
TOTAL:	11	11	-

# PETROLEUM ACTS AND REGULATIONS:

21. TABLE 5.

	1949	1950	1951
No. of licences issued to store petroleum spirit	23	25	20
No. of licences issued to store calcium carbide	13	13	12
No. of inspections made of above stores	29	30	24

# MISCELLANEOUS PREMISES:

22. There are 22 schools, 5 cinemas, 24 public houses, 12 working men's clubs and no public baths or camping sites in the Council's district. Visits were paid to the above as occasion demanded for the investigation of complaints of nuisance.

# RODENT CONTROL:

23. Sewer treatments, surface survey, free treatment of private dwellings, and rechargeable treatments at commercial premises were carried out during the year in strict accordance with the Ministry of Agriculture's methods.

# REFUSE COLLECTION AND DISPOSAL:

24. Your fleet of refuse vehicles is as under:

<u>Vehicle Reg.</u>	<u>Make</u>	<u>First Registered</u>
DNL 835 1	Dennis	27.6.49
DJR 248 2	do.	25.3.50
DNL 834 3	do.	20.6.49
ANL 6 5	do.	19.7.41
DJR 780 7	do.	24.6.50
ETV.128 8	do.	9.3.51

25. Your cleansing staff comprised:

1 foreman	21 binlifters
1 mechanic	2 controlled tip men
5 drivers	1 salvage man.

The beat done by a horse and cart was incorporated into a motor vehicle beat in December.

26. The number of working days lost during the year was as under:

Month	Working Days	Man/working Days	Days lost
January	22	672	72
February	19	625	38
March	20	685	46
April	21	680	30
May	22	713	70
June	21	620	91
July	22	682	130
August	22	682	100
September	20	620	51
October	23	620	80
November	22	682	53
December	19	620	47
	253	7901	808

27. Tipping took place on two tips, one at East Cramlington and the other at East Holywell.

28. The approximate tonnage of refuse collected is shown below:

Month	Vehicles		Total Tonnage
	Motor	Horse drawn	
April	1614	100.8/10	1714.8/10
May	1639 $\frac{3}{4}$	78 $\frac{1}{2}$	1718 $\frac{1}{4}$
June	1485 $\frac{3}{4}$	40 $\frac{1}{2}$	1526 $\frac{1}{4}$
July	1425 $\frac{1}{2}$	99	1524 $\frac{1}{2}$
August	1356	99	1455
September	1334 $\frac{1}{4}$	76 $\frac{1}{2}$	1410 $\frac{5}{4}$
October	1582	94 $\frac{3}{4}$	1676 $\frac{3}{4}$
November	1558	52 $\frac{1}{2}$	1610 $\frac{1}{2}$
December	1539 $\frac{1}{4}$	9	1548 $\frac{1}{4}$
January	1702 $\frac{3}{4}$	-	1702 $\frac{3}{4}$
February	1609 $\frac{3}{4}$	-	1609 $\frac{3}{4}$
March	1557	-	1557
	18404	650.2/10	19054.3/10

#### STATISTICS:

29. Population: 26,330

No. of houses with bins	-	7,489
" " privy boxes	-	356
" " pail closets	-	138
" " ashpits	-	74

Estimated quantity of refuse removed in the year	19,054 tons
" " " " " per house	2.36 "
" " " " " 1000	0.72 "
" " " " " population	
" " " " " per 1000 persons	1 ton
" " " " " per day	19.3 cwts.



COST OF REFUSE COLLECTION & SALVAGE COLLECTION & DISPOSAL  
FOR YEAR ENDED 31ST MARCH, 1952:

30.	<u>Collection</u>			<u>Disposal</u>		
Wages and Insurance:	6,608	4	6	638	5	8
Superannuation:	330	8	3	31	18	0
Motor Account:	3,956	18	1	-		
Stable Account:	66	5	11	-		
Disinfectants:	23	15	0	-		
Rates and Rents of Tips:	-			4	0	0
Tools:	12	15	8	-		
Protective Clothing:	70	3	2	-		
Works on Tips:	-			3	14	10
Sundries:	25	12	6	6	7	1
Stores:	1	15	11	6		2
	<u>£11,095 19 0</u>			<u>£684 11 9</u>		
Total Cost of Collection:	11,095	19	0			
" " " Disposal:	684	11	9			
" " " Scavenging:	11,780	10	9			
Less nett income from Salvage:	1,252	16	4			
	<u>£10,527 14 5</u>					

	<u>1951-2</u>			<u>1950-1</u>		
Annual cost of scavenging per house -	£1	6	1	£1	12	5
" " " " " head -		8	0		9	10
Cost on rates in the £	-	2	1.78	2	9.37	

The cost of collection and disposal in 1950-51 excluding provision of new vehicles and salvage income was £11,230.14.10. as against £11,780.10. 9. in 1951-52. An increase in salvage revenue of £935. 7. 8. means that the net cost (excluding provision of new vehicles) for 1951-52 was £385.11. 9. less than for the preceding year despite higher wages and motor maintenance costs.

SALVAGE:

31. The following shews the income from salvage and tangible costs:

<u>Revenue</u>		£	s	d
From sale of paper		2,226	1	2
" " " rags		288	17	11
" " " bones		12	11	11
" " " bottles & jars		4	17	0
" " " scrap metal		48	6	10
		<u>2,580 14 10</u>		
<u>Costs</u>		£	s	d
Labour		1,127	17	3
Materials etc.		200	1	3
		<u>1,327 18 6</u>		
Nett Income:		£1,252	16	4
Nett Income 1950:		£317	8	8

Once again my thanks are due to the Chairmen of the Council and Health Committee, Mr. W.J. Hampton, B.E.M., and Mr. W. Forster, to the Medical Officer of Health for his advice and encouragement and to the staff as already mentioned.

Your obedient Servant,

J.R. WILSON,

Chief Sanitary Inspector.





